

following replacement paragraph:

A1
The invention provides database item versioning, such as items like stored procedures found in databases such as Standard Query Language (SQL) databases. In one embodiment, the invention includes a program such as an editor, a database, a source code control and a mechanism. An editor program provides for editing a stored procedure. The database includes the stored procedure. The source code control system stores versions of the stored procedure. The mechanism checks in and checks out the stored procedure to provide for effective versioning of the stored procedure.

IN THE CLAIMS

Please amend claims 1, 4, 5, 6, 7, 8, 10, 11, 12, 13, 15, 16, and 17 to appear as follows:

- A2 Sub B1
1. A system comprising:
a program to manipulate an item;
a database having the item;
a source code control (SCC) system to store versions of the item; and
a mechanism to check in and check out the item.

- A3 B3
4. The system of claim 3, wherein the mechanism provides
the program a choice of a version of the item at the source code control (SCC) system and a
version of the item at the database.

Sub E 4
5. The system of claim 4, wherein the version of the item at the source code control (SCC) system is identical to the version of the item at the database.

A3
6. The system of claim 4, wherein the version of the item at the source code control (SCC) system is different than the version of the item at the database.

Sub B4
7. The system of claim 1, wherein the program requests to check in the item such that the mechanism checks in the item into the source code control (SCC) system.

8. The system of claim 7, wherein the mechanism checks in the item into the source code control (SCC) system as saved to the database.

Sub B5
A4
10. A computer-implemented method to check out an item from a source code control (SCC) system comprising:

comparing a stream of the item in the SCC system with a stream of the item in a database;

determining whether the stream in the SCC system is identical to the stream in the database; and

upon determining that the system in the SCC system is different than the stream in the database; providing a user a choice to select one of the stream in the SCC system and the stream in the database.

Sub E7
A4
11. The computer-implemented method of claim 10, further comprising, prior to comparing:

retrieving the stream of the item from the source code control (SCC) system;

and

retrieving the stream of the item from the database.

12. The computer-implemented method of claim 10, wherein upon the user selecting the stream in the source code control (SCC) system, saving the stream in the SCC system as the stream in the database.

13. A computer-implemented method to check in an item into a source code control (SCC) system comprising:

retrieving a stream of the item from a database; and

saving the stream of the item in the database as the stream in the SCC system.

Sub B2
A5
15. A computer-readable medium having instructions stored thereon for execution by a computer to perform a method comprising:

comparing a stream of an item in the source code control (SCC) system with a stream of the item in a database;

determining whether the stream in the SCC system is identical to the stream in the database;